

A B S T R A C T

A SYSTEM FOR PERFORMING EXPERIMENTS, IN PARTICULAR FOR HIGH
THROUGHPUT EXPERIMENTATION

[0082] The system comprises a tubular vessel allowing a flow of fluid through said vessel and an assembly for housing said vessel. The assembly comprises a base block having a first channel formed therein for removably housing the vessel, said first channel having first and second channel openings allowing introduction and/or discharge of a fluid into and from said first channel. The assembly also comprises a cover element having a bottom surface being releasably attachable to the first face of the base block. A first sealing element is provided between the first face of the base block and the bottom surface of the cover element, the first sealing element surrounding the first channel opening completely, and thereby sealing gastight around said first channel opening between the cover element and the base block. The system further comprises a second sealing element located in the first channel, said second sealing element sealing gastight against the inside of the first channel and the outside of the vessel.